

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	49	("6367009" "6393569" "6185678" "5644354" "6084969" "5754659" "6424718" "6880079" "6263437" "6314521" "6385728" "4423287" "5745576" "5761306" "6240187" "4965827" "6892301" "5903721" "6115817" "5805676" "5987103" "6070154" "5805204" "6427161" "6438600" "6317592" "4613901" "6026166" "6026293" "6049796" "6445797" "6711679" "5923756" "6198824" "6154543" "6163841" "6209093" "6189100" "6061791" "6061791" "6098056" "6148405" "5237614" "5506961" "5542046" "5818936" "6028938" "6230272" "6292895" "6643701").pn.	USPAT	OR	ON	2005/06/23 13:16
S2	13	S1 and binary	USPAT	OR	ON	2005/06/23 13:19
S3	0	S1 and binary and firmware	USPAT	OR	ON	2005/06/23 13:19
S4	8	S1 and binary and firmware	USPAT	OR	ON	2005/06/23 14:42
S5	1	token adj based with sign\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2005/06/23 15:01
S6	0	token adj based with authenticat\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2005/06/23 15:01
S7	0	token adj based with authenticat\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2005/06/23 15:02
S8	1	token adj based with sign\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 18:24
S9	232710	token adj based with authenticat\$3 ant binary	US-PGPUB; USPAT; EPO	OR	ON	2005/06/23 15:02
S10	35	token adj based with authenticat\$3 and binary	US-PGPUB; USPAT; EPO	OR	ON	2005/06/26 12:32
S11	24	token adj based with authenticat\$3 and binary and smart	US-PGPUB; USPAT; EPO	OR	ON	2005/06/23 15:02
S12	1	10/044879 and Bender	US-PGPUB	OR	ON	2005/06/24 17:58
S13	26	token adj based with authenticat\$3 and binary and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/19 19:27

## EAST Search History

S14	1	token adj based with authenticat\$3 and binary and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2005/06/26 12:35
S15	3712445	first signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2005/06/26 12:35
S16	411	first adj signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2005/06/26 12:35
S17	2	first adj signature with second adj signature with compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2005/06/26 12:37
S18	87	first adj signature with second adj signature and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2005/06/26 12:38
S19	3	first adj signature with second adj signature and compar\$3 adj signature and( executable binary) and smart and hash	US-PGPUB; USPAT; EPO	OR	ON	2005/06/26 12:39
S20	2	"20020152385"	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/20 17:55
S21	1	token adj based with sign\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 18:24
S22	27	token adj based with authenticat\$3 and binary and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 18:50
S23	0	token adj based with authenticat\$3 and binary with signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 18:27
S24	0	token adj based with authenticat\$3 and binary near5 signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 18:27
S25	3	token adj based with authenticat\$3.ti.	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 19:05
S26	4	token adj based with authenticat\$3 and (software binary) adj installation	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 19:09
S27	111	token adj based with authenticat\$3	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 19:09

## EAST Search History

S28	49	("6367009" "6393569" "6185678" "5644354" "6084969" "5754659" "6424718" "6880079" "6263437" "6314521" "6385728" "4423287" "5745576" "5761306" "6240187" "4965827" "6892301" "5903721" "6115817" "5805676" "5987103" "6070154" "5805204" "6427161" "6438600" "6317592" "4613901" "6026166" "6026293" "6049796" "6445797" "6711679" "5923756" "6198824" "6154543" "6163841" "6209093" "6189100" "6061791" "6061791" "6098056" "6148405" "5237614" "5506961" "5542046" "5818936" "6028938" "6230272" "6292895" "6643701").pn.	USPAT	OR	ON	2006/01/20 20:12
S29	13	S28 and binary	USPAT	OR	ON	2006/01/20 20:12
S30	0	S28 and binary and firmware	USPAT	OR	ON	2006/01/20 20:12
S31	8	S28 and binary and firmware	USPAT	OR	ON	2006/01/20 20:12
S32	1	token adj based with sign\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:12
S33	0	token adj based with authenticat\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:12
S34	0	token adj based with authenticat\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:12
S35	1	token adj based with sign\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:12
S36	249377	token adj based with authenticat\$3 ant binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:12
S37	38	token adj based with authenticat\$3 and binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:12
S38	27	token adj based with authenticat\$3 and binary and smart	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:12
S39	1	10/044879 and Bender	US-PGPUB	OR	ON	2006/01/20 20:12
S40	27	token adj based with authenticat\$3 and binary and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:12
S41	1	token adj based with authenticat\$3 and binary and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:12

## EAST Search History

S42	3938538	first signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:12
S43	446	first adj signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:12
S44	2	first adj signature with second adj signature with compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:12
S45	95	first adj signature with second adj signature and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:12
S46	3	first adj signature with second adj signature and compar\$3 adj signature and( executable binary) and smart and hash	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:12
S47	49	("6367009" "6393569" "6185678" "5644354" "6084969" "5754659" "6424718" "6880079" "6263437" "6314521" "6385728" "4423287" "5745576" "5761306" "6240187" "4965827" "6892301" "5903721" "6115817" "5805676" "5987103" "6070154" "5805204" "6427161" "6438600" "6317592" "4613901" "6026166" "6026293" "6049796" "6445797" "6711679" "5923756" "6198824" "6154543" "6163841" "6209093" "6189100" "6061791" "6061791" "6098056" "6148405" "5237614" "5506961" "5542046" "5818936" "6028938" "6230272" "6292895" "6643701").pn.	USPAT	OR	ON	2006/01/20 20:13
S48	13	S28 and binary	USPAT	OR	ON	2006/01/20 20:13
S49	0	S28 and binary and frimware	USPAT	OR	ON	2006/01/20 20:13
S50	8	S28 and binary and firmware	USPAT	OR	ON	2006/01/20 20:13
S51	1	token adj based with sign\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:13
S52	0	token adj based with authenticat\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:13
S53	0	token adj based with authenticat\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:13
S54	1	token adj based with sign\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:13

## EAST Search History

S55	249377	token adj based with authenticat\$3 ant binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:13
S56	38	token adj based with authenticat\$3 and binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:13
S57	27	token adj based with authenticat\$3 and binary and smart	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:13
S58	1	10/044879 and Bender	US-PGPUB	OR	ON	2006/01/20 20:13
S59	27	token adj based with authenticat\$3 and binary and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:13
S60	1	token adj based with authenticat\$3 and binary and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:13
S61	3938538	first signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:13
S62	446	first adj signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:13
S63	2	first adj signature with second adj signature with compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:13
S64	95	first adj signature with second adj signature and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:13
S65	3	first adj signature with second adj signature and compar\$3 adj signature and( executable binary) and smart and hash	US-PGPUB; USPAT; EPO	OR	ON	2006/01/20 20:13
S66	49	("6367009" "6393569" "6185678" "5644354" "6084969" "5754659" "6424718" "6880079" "6263437" "6314521" "6385728" "4423287" "5745576" "5761306" "6240187" "4965827" "6892301" "5903721" "6115817" "5805676" "5987103" "6070154" "5805204" "6427161" "6438600" "6317592" "4613901" "6026166" "6026293" "6049796" "6445797" "6711679" "5923756" "6198824" "6154543" "6163841" "6209093" "6189100" "6061791" "6061791" "6098056" "6148405" "5237614" "5506961" "5542046" "5818936" "6028938" "6230272" "6292895" "6643701").pn.	USPAT	OR	ON	2006/01/22 20:46

## EAST Search History

S67	13	S66 and binary	USPAT	OR	ON	2006/01/22 20:46
S68	0	S66 and binary and frimware	USPAT	OR	ON	2006/01/22 20:46
S69	8	S66 and binary and firmware	USPAT	OR	ON	2006/01/22 20:46
S70	1	token adj based with sign\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S71	0	token adj based with authenticat\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S72	0	token adj based with authenticat\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S74	249377	token adj based with authenticat\$3 ant binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S75	38	token adj based with authenticat\$3 and binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S76	27	token adj based with authenticat\$3 and binary and smart	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S77	1	10/044879 and Bender	US-PGPUB	OR	ON	2006/01/22 20:46
S78	27	token adj based with authenticat\$3 and binary and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S79	1	token adj based with authenticat\$3 and binary and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S80	3938538	first signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S81	446	first adj signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S82	2	first adj signature with second adj signature with compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S83	95	first adj signature with second adj signature and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S84	3	first adj signature with second adj signature and compar\$3 adj signature and( executable binary) and smart and hash	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46

## EAST Search History

S85	2	"20020152385"	US-PGPUB; USPAT; DERWENT	OR	ON	2006/01/22 20:46
S86	1	token adj based with sign\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S87	27	token adj based with authenticat\$3 and binary and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S88	0	token adj based with authenticat\$3 and binary with signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S89	0	token adj based with authenticat\$3 and binary near5 signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S90	3	token adj based with authenticat\$3.ti.	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S91	4	token adj based with authenticat\$3 and (software binary) adj installation	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S92	111	token adj based with authenticat\$3	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S93	49	("6367009" "6393569" "6185678" "5644354" "6084969" "5754659" "6424718" "6880079" "6263437" "6314521" "6385728" "4423287" "5745576" "5761306" "6240187" "4965827" "6892301" "5903721" "6115817" "5805676" "5987103" "6070154" "5805204" "6427161" "6438600" "6317592" "4613901" "6026166" "6026293" "6049796" "6445797" "6711679" "5923756" "6198824" "6154543" "6163841" "6209093" "6189100" "6061791" "6061791" "6098056" "6148405" "5237614" "5506961" "5542046" "5818936" "6028938" "6230272" "6292895" "6643701").pn.	USPAT	OR	ON	2006/01/22 20:46
S94	0	S93 and binary and frimware	USPAT	OR	ON	2006/01/22 20:46
S95	0	token adj based with authenticat\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S96	0	token adj based with authenticat\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46

## EAST Search History

S97	1	token adj based with sign\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S98	249377	token adj based with authenticat\$3 ant binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S99	38	token adj based with authenticat\$3 and binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S100	27	token adj based with authenticat\$3 and binary and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S101	3938538	first signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S102	446	first adj signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S103	95	first adj signature with second adj signature and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S104	1	token adj based with sign\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S105	1	10/044879 and Bender	US-PGPUB	OR	ON	2006/01/22 20:46
S106	1	token adj based with authenticat\$3 and binary and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S107	49	("6367009" "6393569" "6185678" "5644354" "6084969" "5754659" "6424718" "6880079" "6263437" "6314521" "6385728" "4423287" "5745576" "5761306" "6240187" "4965827" "6892301" "5903721" "6115817" "5805676" "5987103" "6070154" "5805204" "6427161" "6438600" "6317592" "4613901" "6026166" "6026293" "6049796" "6445797" "6711679" "5923756" "6198824" "6154543" "6163841" "6209093" "6189100" "6061791" "6061791" "6098056" "6148405" "5237614" "5506961" "5542046" "5818936" "6028938" "6230272" "6292895" "6643701").pn.	USPAT	OR	ON	2006/01/22 20:46
S108	13	S93 and binary	USPAT	OR	ON	2006/01/22 20:46



## EAST Search History

S109	8	S93 and binary and firmware	USPAT	OR	ON	2006/01/22 20:46
S110	27	token adj based with authenticat\$3 and binary and smart	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S111	2	first adj signature with second adj signature with compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S112	3	first adj signature with second adj signature and compar\$3 adj signature and( executable binary) and smart and hash	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S113	0	S93 and binary and frimware	USPAT	OR	ON	2006/01/22 20:46
S114	0	token adj based with authenticat\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S115	0	token adj based with authenticat\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S116	1	token adj based with sign\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S117	249377	token adj based with authenticat\$3 ant binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S118	38	token adj based with authenticat\$3 and binary	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S119	27	token adj based with authenticat\$3 and binary and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S120	3938538	first signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S121	446	first adj signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S122	95	first adj signature with second adj signature and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S123	1	token adj based with sign\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S124	1	10/044879 and Bender	US-PGPUB	OR	ON	2006/01/22 20:46

## EAST Search History

S12 5	1	token adj based with authenticat\$3 and binary and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S12 6	49	("6367009" "6393569" "6185678" "5644354" "6084969" "5754659" "6424718" "6880079" "6263437" "6314521" "6385728" "4423287" "5745576" "5761306" "6240187" "4965827" "6892301" "5903721" "6115817" "5805676" "5987103" "6070154" "5805204" "6427161" "6438600" "6317592" "4613901" "6026166" "6026293" "6049796" "6445797" "6711679" "5923756" "6198824" "6154543" "6163841" "6209093" "6189100" "6061791" "6061791" "6098056" "6148405" "5237614" "5506961" "5542046" "5818936" "6028938" "6230272" "6292895" "6643701").pn.	USPAT	OR	ON	2006/01/22 20:46
S12 7	13	S93 and binary	USPAT	OR	ON	2006/01/22 20:46
S12 8	8	S93 and binary and firmware	USPAT	OR	ON	2006/01/22 20:46
S12 9	27	token adj based with authenticat\$3 and binary and smart	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S13 0	2	first adj signature with second adj signature with compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S13 1	3	first adj signature with second adj signature and compar\$3 adj signature and( executable binary) and smart and hash	US-PGPUB; USPAT; EPO	OR	ON	2006/01/22 20:46
S13 2	49	("6367009" "6393569" "6185678" "5644354" "6084969" "5754659" "6424718" "6880079" "6263437" "6314521" "6385728" "4423287" "5745576" "5761306" "6240187" "4965827" "6892301" "5903721" "6115817" "5805676" "5987103" "6070154" "5805204" "6427161" "6438600" "6317592" "4613901" "6026166" "6026293" "6049796" "6445797" "6711679" "5923756" "6198824" "6154543" "6163841" "6209093" "6189100" "6061791" "6061791" "6098056" "6148405" "5237614" "5506961" "5542046" "5818936" "6028938" "6230272" "6292895" "6643701").pn.	USPAT	OR	ON	2006/07/18 19:31

## EAST Search History

S13 3	13	S132 and binary	USPAT	OR	ON	2006/07/18 19:31
S13 4	0	S132 and binary and frimware	USPAT	OR	ON	2006/07/18 19:31
S13 5	8	S132 and binary and firmware	USPAT	OR	ON	2006/07/18 19:31
S13 6	1	token adj based with sign\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S13 7	0	token adj based with authenticat\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S13 8	0	token adj based with authenticat\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S13 9	1	token adj based with sign\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:56
S14 0	265530	token adj based with authenticat\$3 ant binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S14 1	58	token adj based with authenticat\$3 and binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S14 2	40	token adj based with authenticat\$3 and binary and smart	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S14 3	1	10/044879 and Bender	US-PGPUB	OR	ON	2006/07/18 19:31
S14 4	40	token adj based with authenticat\$3 and binary and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S14 5	1	token adj based with authenticat\$3 and binary and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S14 6	4147722	first signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S14 7	482	first adj signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S14 8	3	first adj signature with second adj signature with compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S14 9	108	first adj signature with second adj signature and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31

## EAST Search History

S15 0	3	first adj signature with second adj signature and compar\$3 adj signature and( executable binary) and smart and hash	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S15 1	3	"20020152385"	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/18 19:31
S15 2	1	token adj based with sign\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S15 3	40	token adj based with authenticat\$3 and binary and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S15 4	0	token adj based with authenticat\$3 and binary with signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S15 5	0	token adj based with authenticat\$3 and binary near5 signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S15 6	3	token adj based with authenticat\$3.ti.	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S15 7	11	token adj based with authenticat\$3 and (software binary) adj installation	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S15 8	149	token adj based with authenticat\$3	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S15 9	49	("6367009" "6393569" "6185678" "5644354" "6084969" "5754659" "6424718" "6880079" "6263437" "6314521" "6385728" "4423287" "5745576" "5761306" "6240187" "4965827" "6892301" "5903721" "6115817" "5805676" "5987103" "6070154" "5805204" "6427161" "6438600" "6317592" "4613901" "6026166" "6026293" "6049796" "6445797" "6711679" "5923756" "6198824" "6154543" "6163841" "6209093" "6189100" "6061791" "6061791" "6098056" "6148405" "5237614" "5506961" "5542046" "5818936" "6028938" "6230272" "6292895" "6643701").pn.	USPAT	OR	ON	2006/07/18 19:31
S16 0	0	S159 and binary and frimware	USPAT	OR	ON	2006/07/18 19:31

## EAST Search History

S16 1	0	token adj based with authenticat\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S16 2	0	token adj based with authenticat\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S16 3	1	token adj based with sign\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S16 4	265530	token adj based with authenticat\$3 ant binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S16 5	58	token adj based with authenticat\$3 and binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S16 6	40	token adj based with authenticat\$3 and binary and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S16 7	4147722	first signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S16 8	482	first adj signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S16 9	108	first adj signature with second adj signature and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S17 0	1	token adj based with sign\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S17 1	1	10/044879 and Bender	US-PGPUB	OR	ON	2006/07/18 19:31
S17 2	1	token adj based with authenticat\$3 and binary and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S17 3	13	S159 and binary	USPAT	OR	ON	2006/07/18 19:31
S17 4	8	S159 and binary and firmware	USPAT	OR	ON	2006/07/18 19:31
S17 5	40	token adj based with authenticat\$3 and binary and smart	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S17 6	3	first adj signature with second adj signature with compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31

## EAST Search History

S17 7	3	first adj signature with second adj signature and compar\$3 adj signature and( executable binary) and smart and hash	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S17 8	0	S159 and binary and frimware	USPAT	OR	ON	2006/07/18 19:31
S17 9	0	token adj based with authenticat\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S18 0	0	token adj based with authenticat\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S18 1	1	token adj based with sign\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S18 2	265530	token adj based with authenticat\$3 ant binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S18 3	58	token adj based with authenticat\$3 and binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S18 4	40	token adj based with authenticat\$3 and binary and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S18 5	4147722	first signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S18 6	482	first adj signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S18 7	108	first adj signature with second adj signature and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S18 8	1	token adj based with sign\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S18 9	1	10/044879 and Bender	US-PGPUB	OR	ON	2006/07/18 19:31
S19 0	1	token adj based with authenticat\$3 and binary and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31

## EAST Search History

S19 1	49	("6367009" "6393569" "6185678" "5644354" "6084969" "5754659" "6424718" "6880079" "6263437" "6314521" "6385728" "4423287" "5745576" "5761306" "6240187" "4965827" "6892301" "5903721" "6115817" "5805676" "5987103" "6070154" "5805204" "6427161" "6438600" "6317592" "4613901" "6026166" "6026293" "6049796" "6445797" "6711679" "5923756" "6198824" "6154543" "6163841" "6209093" "6189100" "6061791" "6061791" "6098056" "6148405" "5237614" "5506961" "5542046" "5818936" "6028938" "6230272" "6292895" "6643701").pn.	USPAT	OR	ON	2006/07/18 19:31
S19 2	13	S159 and binary	USPAT	OR	ON	2006/07/18 19:31
S19 3	8	S159 and binary and firmware	USPAT	OR	ON	2006/07/18 19:31
S19 4	40	token adj based with authenticat\$3 and binary and smart	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S19 5	3	first adj signature with second adj signature with compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S19 6	3	first adj signature with second adj signature and compar\$3 adj signature and( executable binary) and smart and hash	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S19 7	149	token adj based with authenticat\$3	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S19 8	49	("6367009" "6393569" "6185678" "5644354" "6084969" "5754659" "6424718" "6880079" "6263437" "6314521" "6385728" "4423287" "5745576" "5761306" "6240187" "4965827" "6892301" "5903721" "6115817" "5805676" "5987103" "6070154" "5805204" "6427161" "6438600" "6317592" "4613901" "6026166" "6026293" "6049796" "6445797" "6711679" "5923756" "6198824" "6154543" "6163841" "6209093" "6189100" "6061791" "6061791" "6098056" "6148405" "5237614" "5506961" "5542046" "5818936" "6028938" "6230272" "6292895" "6643701").pn.	USPAT	OR	ON	2006/07/18 19:31

## EAST Search History

S199	0	S198 and binary and frimware	USPAT	OR	ON	2006/07/18 19:31
S200	40	token adj based with authenticat\$3 and binary and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S201	49	("6367009" "6393569" "6185678" "5644354" "6084969" "5754659" "6424718" "6880079" "6263437" "6314521" "6385728" "4423287" "5745576" "5761306" "6240187" "4965827" "6892301" "5903721" "6115817" "5805676" "5987103" "6070154" "5805204" "6427161" "6438600" "6317592" "4613901" "6026166" "6026293" "6049796" "6445797" "6711679" "5923756" "6198824" "6154543" "6163841" "6209093" "6189100" "6061791" "6061791" "6098056" "6148405" "5237614" "5506961" "5542046" "5818936" "6028938" "6230272" "6292895" "6643701").pn.	USPAT	OR	ON	2006/07/18 19:31
S202	1	token adj based with sign\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S203	0	token adj based with authenticat\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S204	1	10/044879 and Bender	US-PGPUB	OR	ON	2006/07/18 19:31
S205	3	first adj signature with second adj signature with compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S206	482	first adj signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S207	108	first adj signature with second adj signature and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S208	0	S201 and binary and frimware	USPAT	OR	ON	2006/07/18 19:31
S209	0	token adj based with authenticat\$3 and binary near5 signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S210	108	first adj signature with second adj signature and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S211	13	S198 and binary	USPAT	OR	ON	2006/07/18 19:31



## EAST Search History

S21 2	49	("6367009" "6393569" "6185678" "5644354" "6084969" "5754659" "6424718" "6880079" "6263437" "6314521" "6385728" "4423287" "5745576" "5761306" "6240187" "4965827" "6892301" "5903721" "6115817" "5805676" "5987103" "6070154" "5805204" "6427161" "6438600" "6317592" "4613901" "6026166" "6026293" "6049796" "6445797" "6711679" "5923756" "6198824" "6154543" "6163841" "6209093" "6189100" "6061791" "6061791" "6098056" "6148405" "5237614" "5506961" "5542046" "5818936" "6028938" "6230272" "6292895" "6643701").pn.	USPAT	OR	ON	2006/07/18 19:31
S21 3	8	S198 and binary and firmware	USPAT	OR	ON	2006/07/18 19:31
S21 4	4147722	first signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S21 5	482	first adj signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S21 6	40	token adj based with authenticat\$3 and binary and smart	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S21 7	1	token adj based with authenticat\$3 and binary and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S21 8	1	token adj based with sign\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S21 9	1	token adj based with authenticat\$3 and binary and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S22 0	0	token adj based with authenticat\$3 and binary with signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S22 1	1	10/044879 and Bender	US-PGPUB	OR	ON	2006/07/18 19:31
S22 2	40	token adj based with authenticat\$3 and binary and smart	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S22 3	1	token adj based with authenticat\$3 and binary and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31

## EAST Search History

S22 4	4147722	first signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:31
S22 5	1	10/044879 and Bender	US-PGPUB	OR	ON	2006/07/18 19:32
S22 6	1	token adj based with sign\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S22 7	40	token adj based with authenticat\$3 and binary and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S22 8	3	first adj signature with second adj signature with compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S22 9	58	token adj based with authenticat\$3 and binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S23 0	265530	token adj based with authenticat\$3 ant binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S23 1	1	token adj based with sign\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S23 2	0	token adj based with authenticat\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S23 3	0	token adj based with authenticat\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S23 4	8	S201 and binary and firmware	USPAT	OR	ON	2006/07/18 19:32
S23 5	482	first adj signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S23 6	13	S201 and binary	USPAT	OR	ON	2006/07/18 19:32
S23 7	8	S198 and binary and firmware	USPAT	OR	ON	2006/07/18 19:32
S23 8	3	first adj signature with second adj signature with compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S23 9	3	first adj signature with second adj signature and compar\$3 adj signature and( executable binary) and smart and hash	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32

## EAST Search History

S24 0	3	first adj signature with second adj signature and compar\$3 adj signature and( executable binary) and smart and hash	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S24 1	40	token adj based with authenticat\$3 and binary and smart	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S24 2	13	S198 and binary	USPAT	OR	ON	2006/07/18 19:32
S24 3	40	token adj based with authenticat\$3 and binary and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S24 4	49	("6367009" "6393569" "6185678" "5644354" "6084969" "5754659" "6424718" "6880079" "6263437" "6314521" "6385728" "4423287" "5745576" "5761306" "6240187" "4965827" "6892301" "5903721" "6115817" "5805676" "5987103" "6070154" "5805204" "6427161" "6438600" "6317592" "4613901" "6026166" "6026293" "6049796" "6445797" "6711679" "5923756" "6198824" "6154543" "6163841" "6209093" "6189100" "6061791" "6061791" "6098056" "6148405" "5237614" "5506961" "5542046" "5818936" "6028938" "6230272" "6292895" "6643701").pn.	USPAT	OR	ON	2006/07/18 19:32
S24 5	3	first adj signature with second adj signature and compar\$3 adj signature and( executable binary) and smart and hash	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S24 6	3	"20020152385"	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/18 19:32
S24 7	3	token adj based with authenticat\$3.ti.	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S24 8	11	token adj based with authenticat\$3 and (software binary) adj installation	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S24 9	0	S198 and binary and frimware	USPAT	OR	ON	2006/07/18 19:32
S25 0	108	first adj signature with second adj signature and compar\$3 adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32

## EAST Search History

S25 1	0	token adj based with authenticat\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S25 2	58	token adj based with authenticat\$3 and binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S25 3	265530	token adj based with authenticat\$3 ant binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S25 4	1	token adj based with sign\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S25 5	1	token adj based with sign\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S25 6	4147722	first signature with second adj signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S25 7	40	token adj based with authenticat\$3 and binary and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S25 8	58	token adj based with authenticat\$3 and binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S25 9	265530	token adj based with authenticat\$3 ant binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S26 0	1	token adj based with sign\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S26 1	0	token adj based with authenticat\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S26 2	0	token adj based with authenticat\$3 with binary and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:32
S26 3	1	token adj based with sign\$3 with binary	US-PGPUB; USPAT; EPO	OR	ON	2006/07/18 19:34
S26 4	21	peart.in.	US-PGPUB	OR	ON	2006/07/18 20:11
S26 5	1	peart.in. and richtberg	US-PGPUB	OR	ON	2006/07/18 20:11
S26 6	3	peart.in. and richtberg	US-PGPUB; EPO; DERWENT	OR	ON	2006/07/18 20:11

## EAST Search History

S26 7	55	token adj based with authenticat\$3 and smart adj card and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/19 20:48
S26 8	5	token adj based with authenticat\$3 and smart adj card and signature and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/07/19 19:31
S26 9	20	token adj based with authenticat\$3 and firmware	US-PGPUB; USPAT; EPO	OR	ON	2006/07/19 19:31
S27 0	47	token adj based with authenticat\$3 and smart adj card and signature and (binary executable driver)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/19 19:42
S27 1	30	token adj based with authenticat\$3 and smart adj card and signature and (binary executable driver) and download\$3	US-PGPUB; USPAT; EPO	OR	ON	2006/07/19 19:54
S27 2	0	download\$3 adj (software driver firmware) with token adj based with authenticat\$3 and smart adj card and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/19 19:55
S27 3	2	download\$3 adj (software driver firmware) with token with authenticat\$3 and smart adj card and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/19 19:56
S27 4	141	download\$3 adj (software driver firmware) and token and authenticat\$3 and smart adj card and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/19 19:57
S27 5	20	authenticat\$3 with download\$3 adj (software driver firmware) and token and authenticat\$3 and smart adj card and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/19 20:41
S27 6	25	authenticat\$3 with download\$3 adj (software driver firmware) and smart adj card and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/19 20:08
S27 7	0	S275 not S276	US-PGPUB; USPAT; EPO	OR	ON	2006/07/19 20:09
S27 8	5	S276 not S275	US-PGPUB; USPAT; EPO	OR	ON	2006/07/19 20:09
S27 9	25	authenticat\$3 with download\$3 adj (software driver firmware) and smart adj card and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/19 20:52
S28 0	18	authenticat\$3 near5 download\$3 adj (software driver firmware) and smart adj card	US-PGPUB; USPAT; EPO	OR	ON	2006/07/19 20:43

## EAST Search History

S28 1	0	("6931381").URPN.	USPAT	OR	ON	2006/07/19 20:46
S28 2	19	("4882474"   "5444861"   "5694546"   "5912958"   "5923884"   "5999740"   "6058478"   "6105008"   "6164549"   "6173401"   "6219788"   "6256668"   "6317832"   "6328217"   "6347398"   "6349408"   "6390374"   "6488211"   "6496979").PN. OR ("6931381").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 20:48
S28 3	7424509	"1"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 20:48
S28 4	6	S282 and smart adj card and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/19 20:48
S28 5	44	("5923884").URPN.	USPAT	OR	ON	2006/07/19 20:51
S28 6	1	S285 and authenticat\$3 with download\$3 adj (software driver firmware) and smart adj card and signature	US-PGPUB; USPAT; EPO	OR	ON	2006/07/19 20:52